

Fild Sprier

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MAW & Co., LD.



OF

Majolica and Enamelled Tiles, White and Variously Tinted Glazed Tiles, Decorated Glazed and Hand-Painted Art Tiles, Glazed Encaustic, Incised, Enamelled, Pate sur Pate, Lustred and Gilt Tiles, Architectural Enrichments, &c.,

For Hearths, Fireplace and Wall Linings, Baths, Friezes, Skirtings, Inscriptions, Flower Boxes, Cabinet Work, &c.

Patterns of Encaustic Tiles, Geometrical Mosaic, Roman Mosaic, Patent Mosaic, and Plain Tile Pavements,

For Entrance Halls, Corridors, Passages, Conservatories, Churches, Cemetery Chapels, Porches, Gangways, Footpaces, Porticoes, Verandahs, Balconies, Ships' Galleys, &c.

IN A SEPARATE BOOK, FORWARDED ON APPLICATION.

BENTHALL WORKS, JACKFIELD, R.S.O., SHROPSHIRE.

Telegraphic Address:- "MAW, JACKFIELD."

* Ironbridge Railway Station, on the Severn Valley (Great Western) Line, is within twenty minutes' walk of the Works. Ironbridge Station can be reached by way of either Shrewsbury or Worcester, also by the Severn Junction Branches from the Shifnal and Wellington Stations of the Shrewsbury and Birmingham Railway, the Wellington Station of the London and North Western Railway Branch from Stafford, and by the Craven Arms Station of the Shrewsbury and Hereford Railway. Coalport Station, on the London and North Western Railway Branch from Wellington, is within fifteen minutes' walk of the Works.

Applications for Estimates should be accompanied by an exact ground plan and elevation of the space proposed to be covered with Tiles, drawn to scale (three-quarter-inch scale preferred), with all the dimensions marked on in figures. Care should be taken that all doorways, windows, recesses and projections which may affect the Tiling, are correctly represented, also all angles at the junction of the different walls, which are other than right angles. It is also important that the style of the Building for which the Tiling is required, be stated. A sketch of any of the designs will be sent for approval, accompanied by an Estimate of the cost of the Tiles, also of the cost of the Tiles including the expense of fixing.



In consequence of the great and increasing variety of Tiles manufactured by Maw & Co., Ld., it has been found desirable to present their Pattern Book to the Public in two volumes. The Plates in this volume represent the various descriptions of Tiles, &c., specially suitable for Dados and Wall Linings, Reredoses, Splays and Jambs of Fire-places, Hearths, Skirtings, Friezes, Inscriptions, Flower Boxes, Cabinet Work, &c. Also the various kinds of Mouldings for finishing Dados, Friezes, and the outer angles of Wall Tiling, Garden Edging, Fenders, &c., &c., moulded from a specially hard material, similar to that of which the Tiles are made. The various kinds of Tiles, &c., suitable for the above purposes, are described in the accompanying Price List.

FOUNDATIONS FOR HEARTHS AND FENDERS.

The foundation for Hearths should be prepared in the same manner as for Tile Pavements, by laying an even bed of Concrete, allowing three-eights of an inch more than the thickness of the Tiles for the Cement used in fixing. A good foundation may also be prepared with an even layer of Bricks.

In preparing Concrete foundations, the introduction of pieces of unslaked Lime, (however small) should be carefully avoided, as they are liable to swell, and displace the Hearth.

When Hearths have to be fixed on board floors, the foundation should be prepared as shown in Fig. 6, by nailing fillets to the joists, three inches from the upper surface, short pieces of board being fitted in between the joists upon the fillets. The remaining space (about three inches) should then be filled in with Concrete, level with the upper surface of the joists, and faced with a coat of Cement.





PREPARATION OF WALLS.

Previous to fixing Tiles upon walls, all existing plaster should be carefully removed, and the mortar raked out of the joints of the brickwork, to form a key for the Cement, with which the walls must be brought to an even surface, to within a given distance of the intended finished surface of the Tiles, which distance will be determined by the thickness of the Tiles to be used, allowing ¼-in. for the Cement in which they are to be fixed. In preparing the walls, the usual proportion of Sand may be mixed with the Cement. About 28 lbs, of Cement and Sand will be sufficient for a superficial yard of Tiles. To ensure thoroughly satisfactory work, it is always preferable to have the fixing executed by experienced Tile-fixers sent from the Works; but the following instructions are given for the assistance of those who are desirous of employing local workmen not previously experienced in Tile fixing.

The walls having been prepared as above described, the exact width within which the Tiles will work should be ascertained by laying out a part of the arrangement on a floor, for which the working drawing (always provided for the purpose) will be the guide. In the case of a Dado, the width should be marked on the wall by a line from end to end, exactly parallel with the floor. Where the Tiling is finished next the floor with a skirting or border, formed of several members, the work will be first commenced by nailing against the wall a wooden guide, or straight edge, 14-in, thicker than the Tiles and 3 or 4 ins. wide, so as to enclose below it the exact space occupied by the border. The Cement having been spread in the space and levelled with a piece of wood, thus—

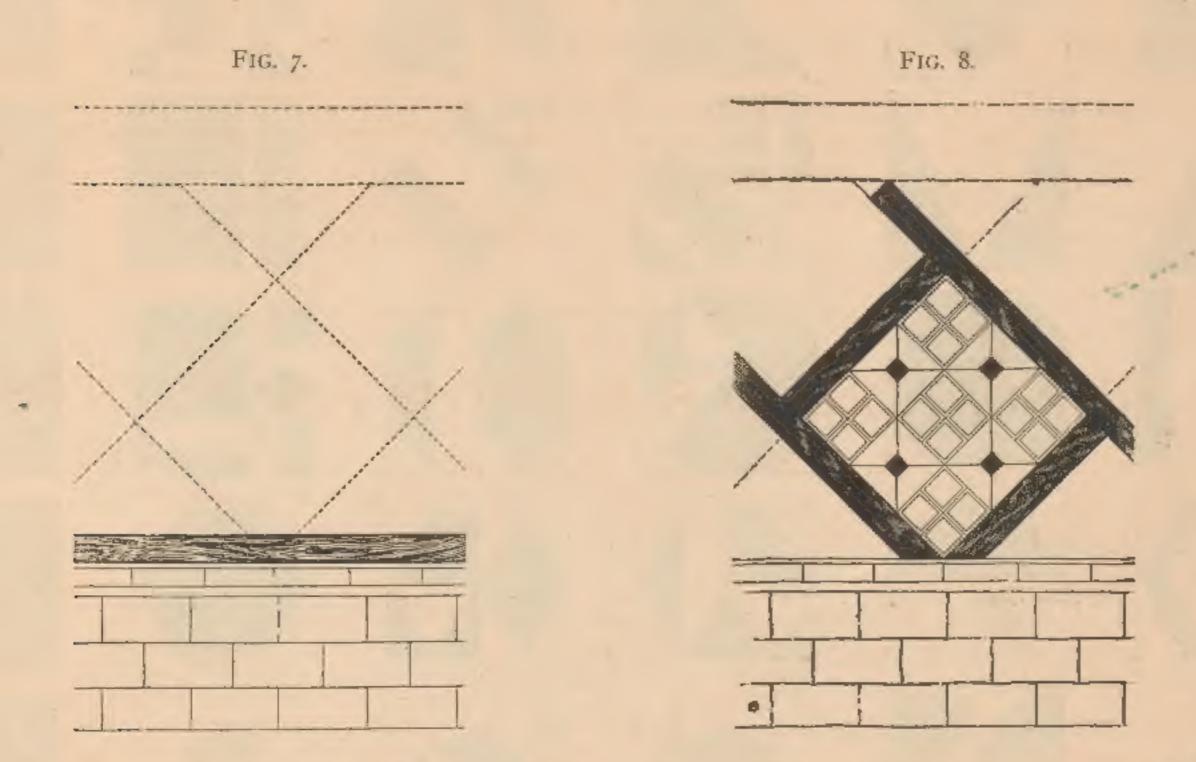
the Tiles (after being well soaked in water) are placed in position on the Cement and beaten down to the exact level of the straight-edge, under a piece of flat wood, with a mason's hammer or mallet. If the design is arranged horizontally, it



will only be necessary to remove the straight edge, so as to include the next convenient section of the design, and proceed in a similar manner.

Where the design is placed diagonally, or in panels of irregular form, it is necessary to cut the straight edges into sections of corresponding lengths. Figs. 7 and 8 illustrate the method and progress of the work.

The above instructions will also in general terms apply for the fixing of Tiles for Hearths.



The Majolica Fenders, when permanently attached to the Hearths, should, if possible, be fixed on the same foundation as the Tiles, and sunk slightly below the face of the boards on the outside and the Tiles on the inside, in which case they will require nothing further to secure them than the Cement in which they are bedded. But where they have to be placed on the boarded floor, broad-headed nails should be driven firmly into the wood, to such a depth as to key the Cement with which the cavity of the Fender is filled, to the floor.

CEMENT.

A specially prepared Cement made for Maw & Co.'s Pavement work, is also applicable for Wall Tiling, and can be supplied in casks or sacks, but the best Portland Cement may be used; and where the walls are not damp, Keen's Cement is found very suitable for the purpose, especially for White Tiles, which should in any case be pointed with this Cement. Being of nearly the same whiteness as the Tiles, it renders the joints less conspicuous.

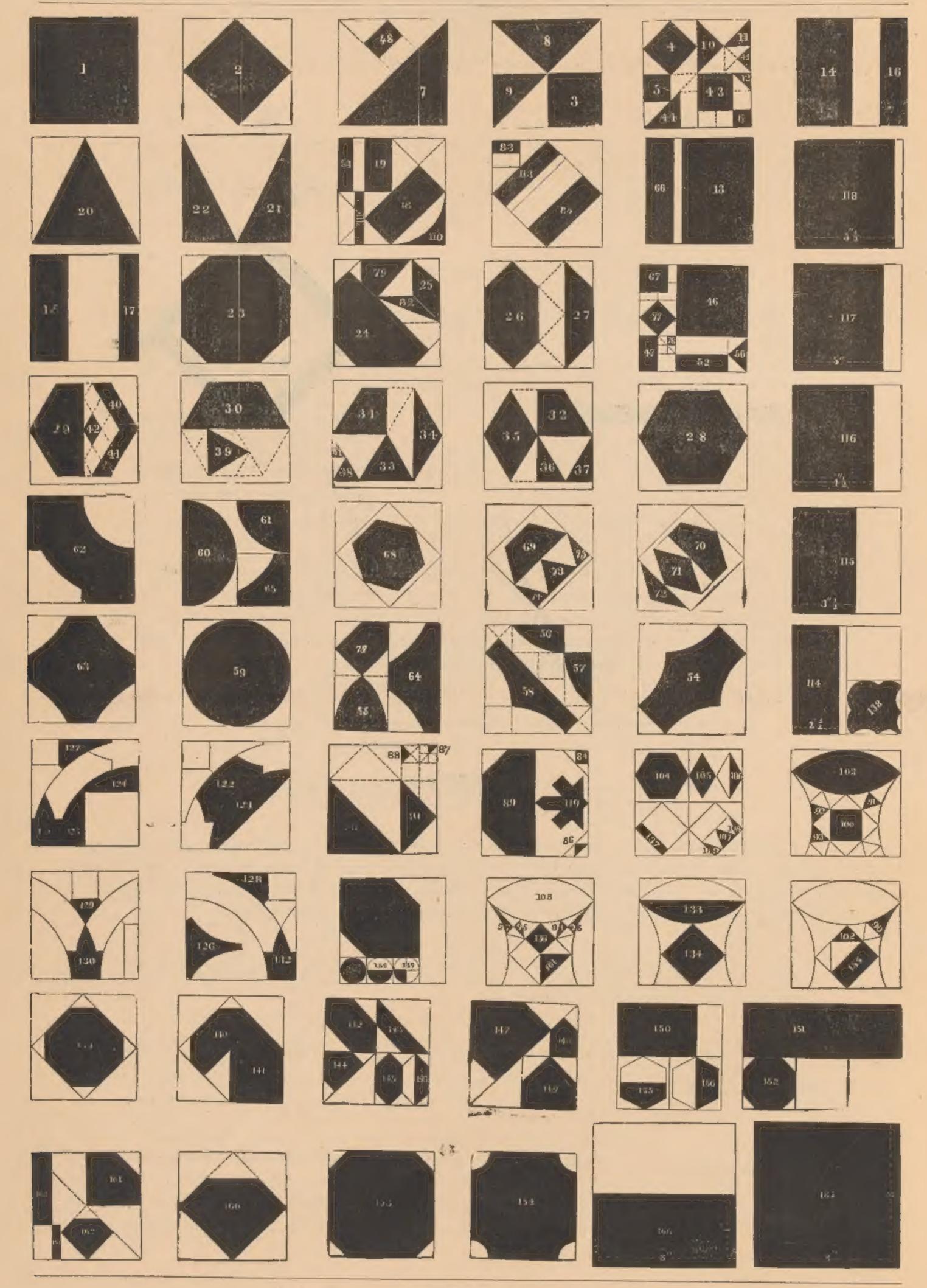
Either Cement should be mixed with clean, sharp Sand, in the proportion of one-half to one-third of the latter, according to the weight and strength of the Cement used.

Special care should be taken to avoid Sand containing the black bituminous particles found in some districts, as they will produce stains, penetrating to the face of the Tiles, which permanently disfigure the work. Where such Sand is found to exist, it is desirable to use Cement alone, or to remove the particles from the Sand by passing it through a very fine sieve.

A difficulty having been experienced in fixing Tiles permanently with ordinary Cement, in Fire-places and Hearths, where they are in close proximity to the fire. Maw & Co., Ld., have successfully devoted their attention to the production of a Cement which can be depended upon for the purpose referred to. With the object of economy, the Fire-resisting Cement may be used only in such parts of the work as are close to the fire; the remaining parts being fixed with ordinary Cement.

FIG. IV.

Diagrams showing the mutual relation of the various forms and sizes of Tiles and Tesseræ of which the accompanying Designs are composed, for the assistance of Architects and others who wish to arrange their own Designs.



Scale—Two inches to a foot, or one sixth the actual size.

SIZES AND SHARES OF FIRES

Shown on Diagram Sheet (Fig. IV.), with quantities to the Square Yard.

No.	Size and Shape.	Number in a Sq. Yard.	No.	Size and Shape.	Number in a Sq. Yard.
2 3 4 5 6 7 8 9 10 11 13 14 15 16 17 18 19 23 24 25 26 27 28 29 30 31 33 34 35 36 37 38 37 38 38 38 38 38 38 38 38 38 38 38 38 38	14 in. × 14 in. square 4 in. × 4 in. square 2 in. × 1 in. 2½ in. × 1¼ in. Diagonal Quarter of 1½ in. × 1½ in. Diagonal Quarter of 2 in. × 2 in. Half of No. 38 3 in. × 1 in. 3 in. × ¾ in. Regular Hexagon—2½ in. sides Half "—diagonal. Half "—upright Lozenge—2½ in. sides Half do.	1296 72 144 288 576 1152 2592 54 72 108 144 216 144 288 41 82 408 41 82 408 96 192 55½ 111 111 222 222 333 333 167 666 666 1331 1497 324 648 1152 81 648 1296	76 77 78 80 81 82 83 84 85 86 87 88 89 104 105 106 111 113 114 115 117 118 119 121 139 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 160 161 162 163 164 165	9 in x 3 in. 3 in. Irregular Octagon 6 in. do.—1½ in. square corners. 6 in. do.—1½ in. circular " Half of No. 104—upright —diagonal 1½ in. Disc —diagonal 1¼ in. Octagon 6 in. " 4¼ in. " 4 in. x 1 in. " 2 in. x ½ in	648 231 162 324 816 1152 2305 216 4610 10368 5184 82 222 666 1332 864 288 87 62 48 43 39 288 72 82 164 115 192 384 384 384 384 384 384 384 384



MAW AND CO.'S TILES FOR WALL LINING, FIRE-PLACE PANELS, &c.
IN HIGH RELIEF, MAJOLICA, PATE-SUR-PATE, INCISED AND ENAMELLED.
ALSO ARCHITECTURAL MAJOLICA COLUMNS, BOSSES, PANELS, FENDERS, EDGING, &c.



SCALE, 1] INCH TO A FOOT





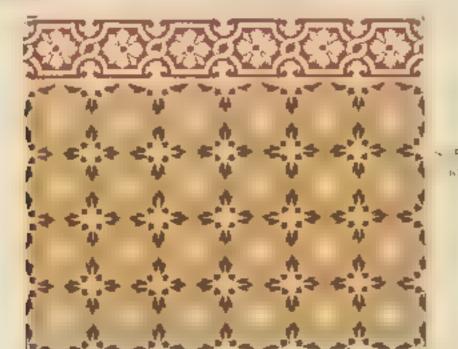


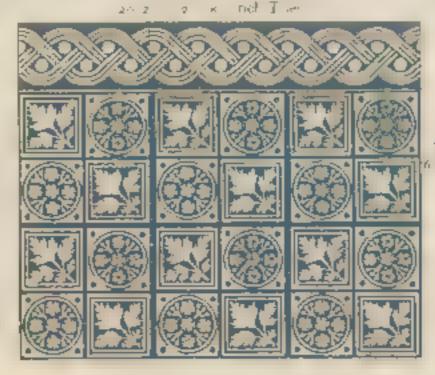
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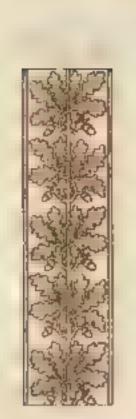


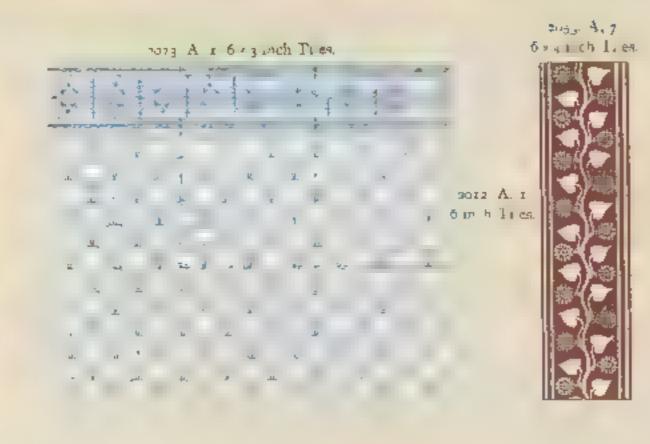


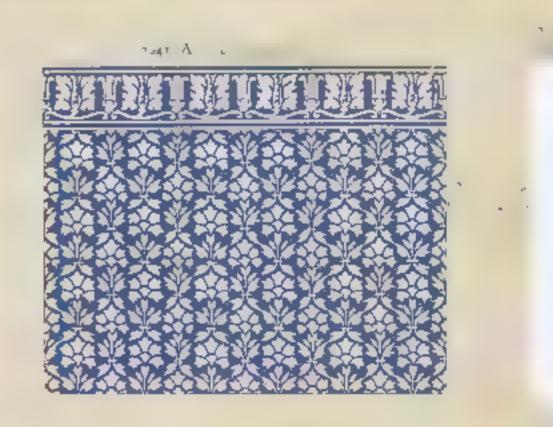


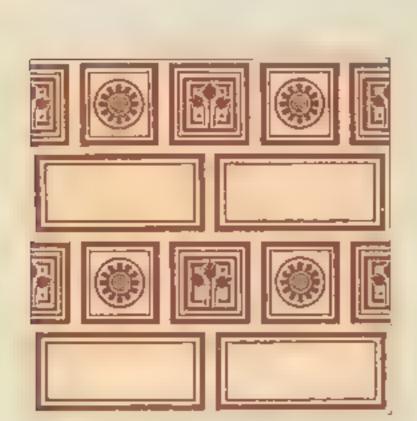


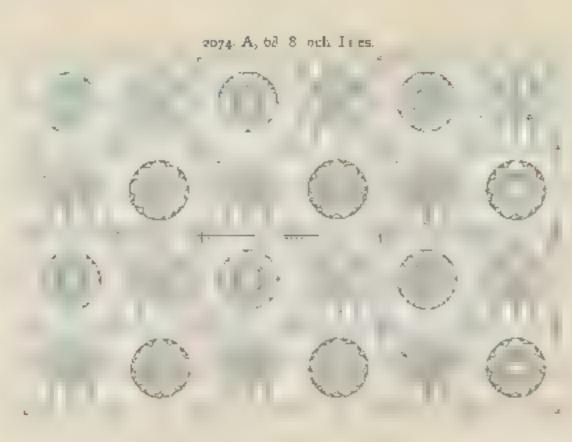




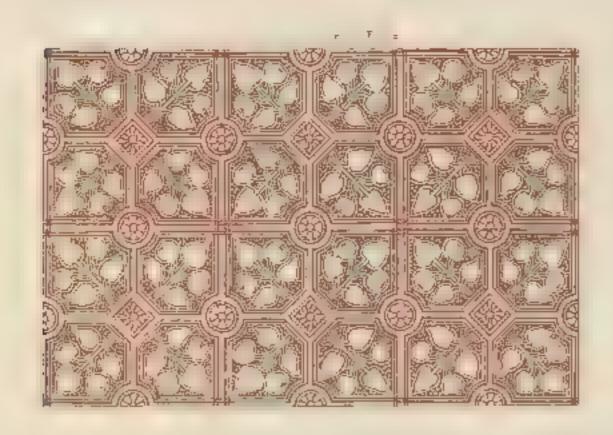




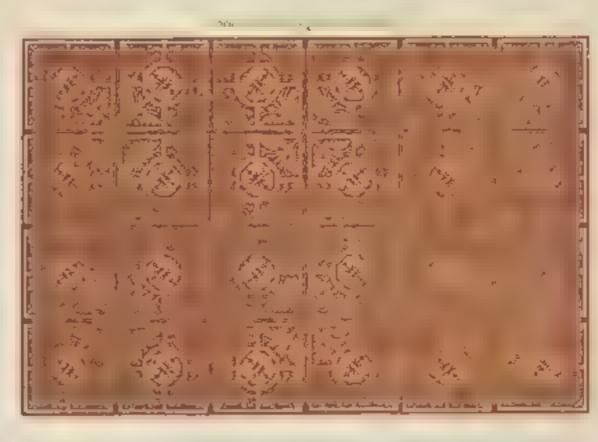




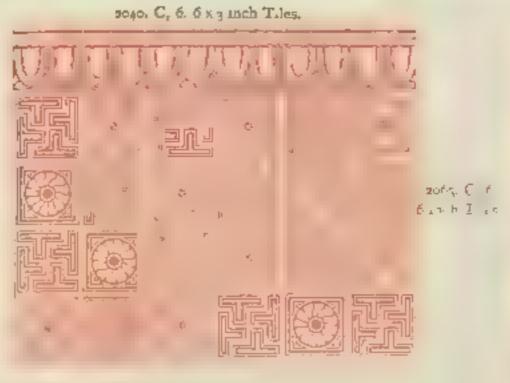










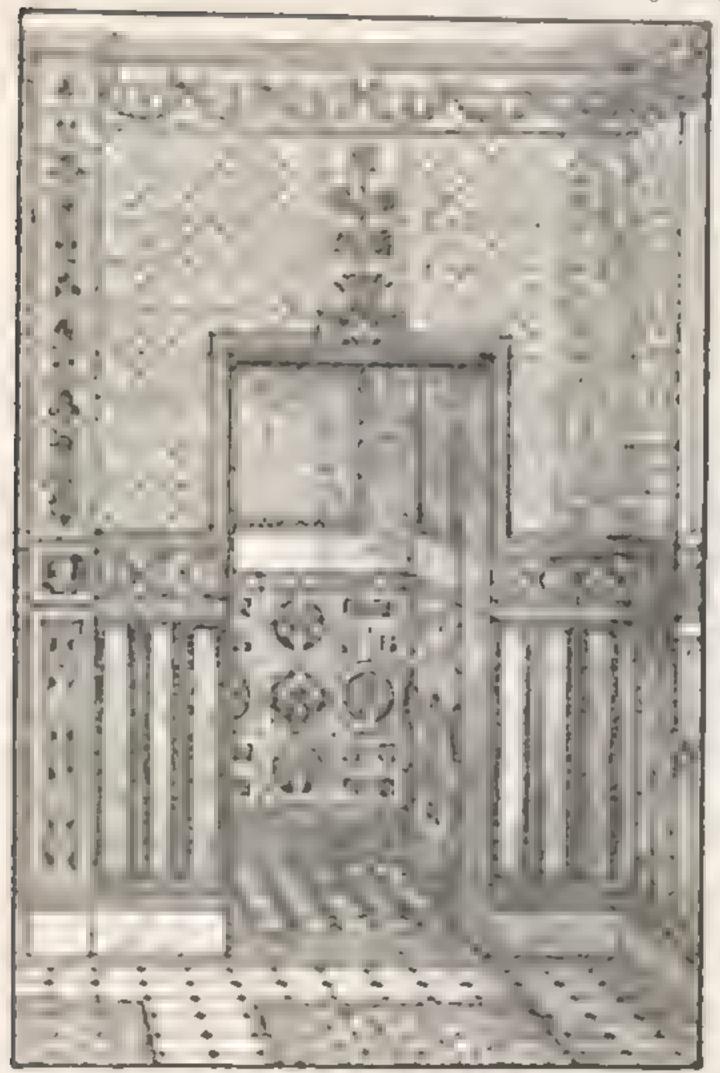


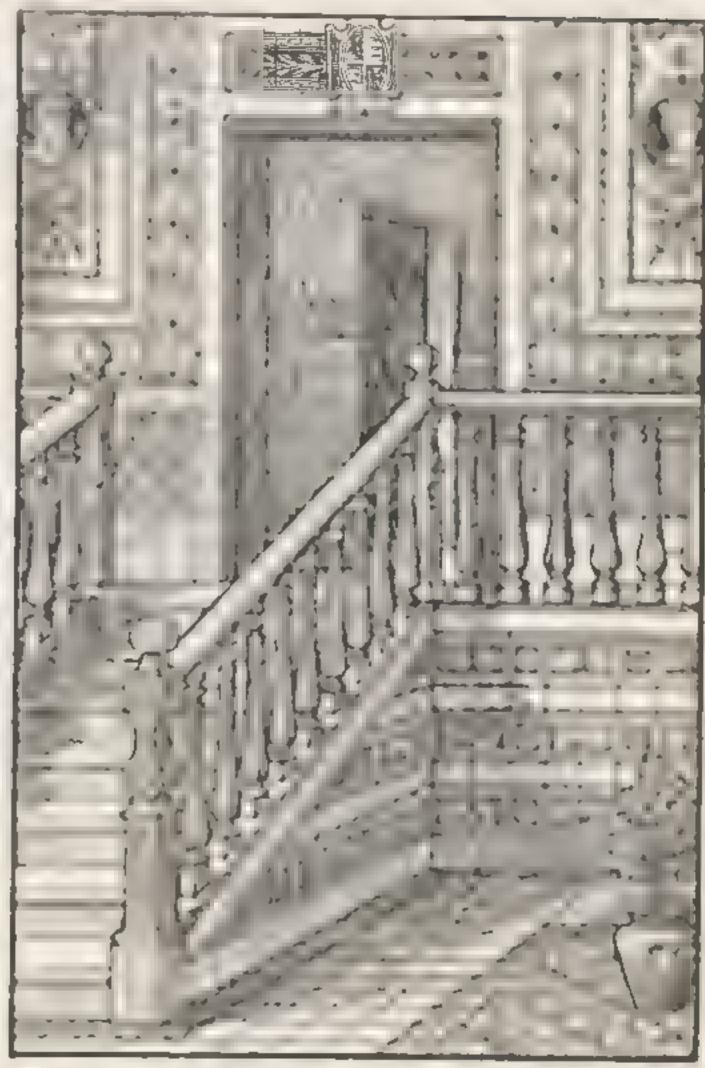






Suggestions for arrangement of Tiles for Wall Decorations



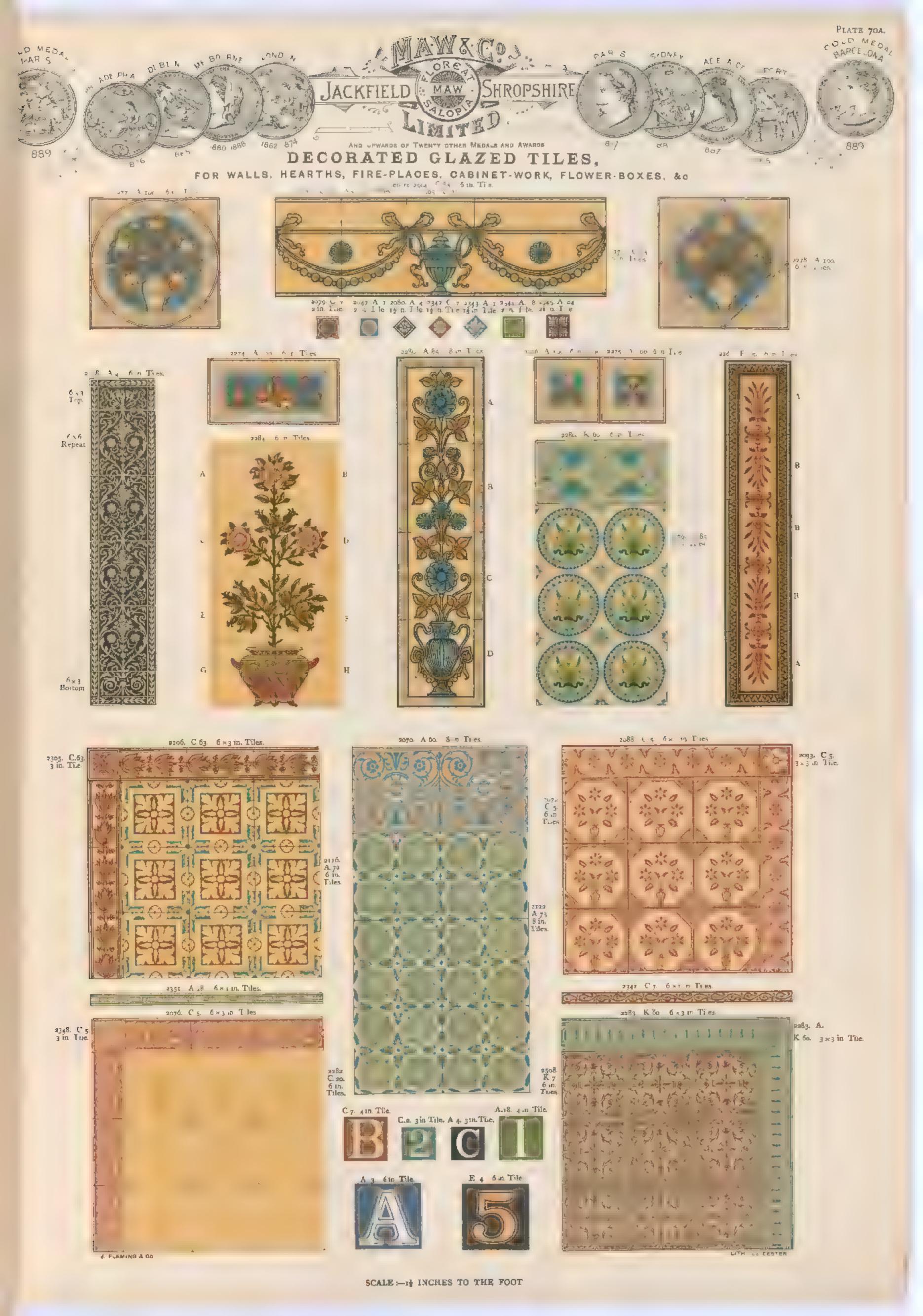


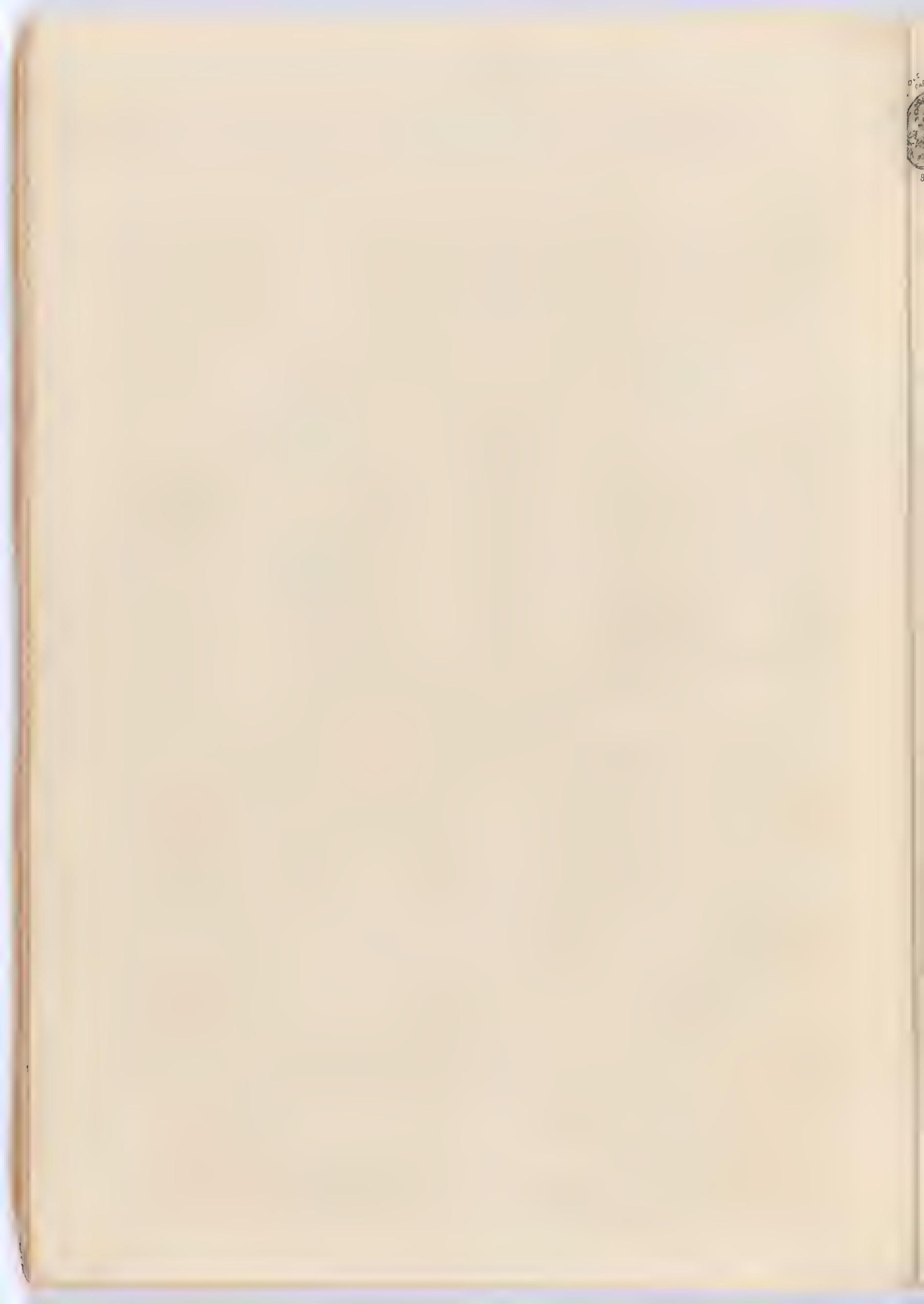


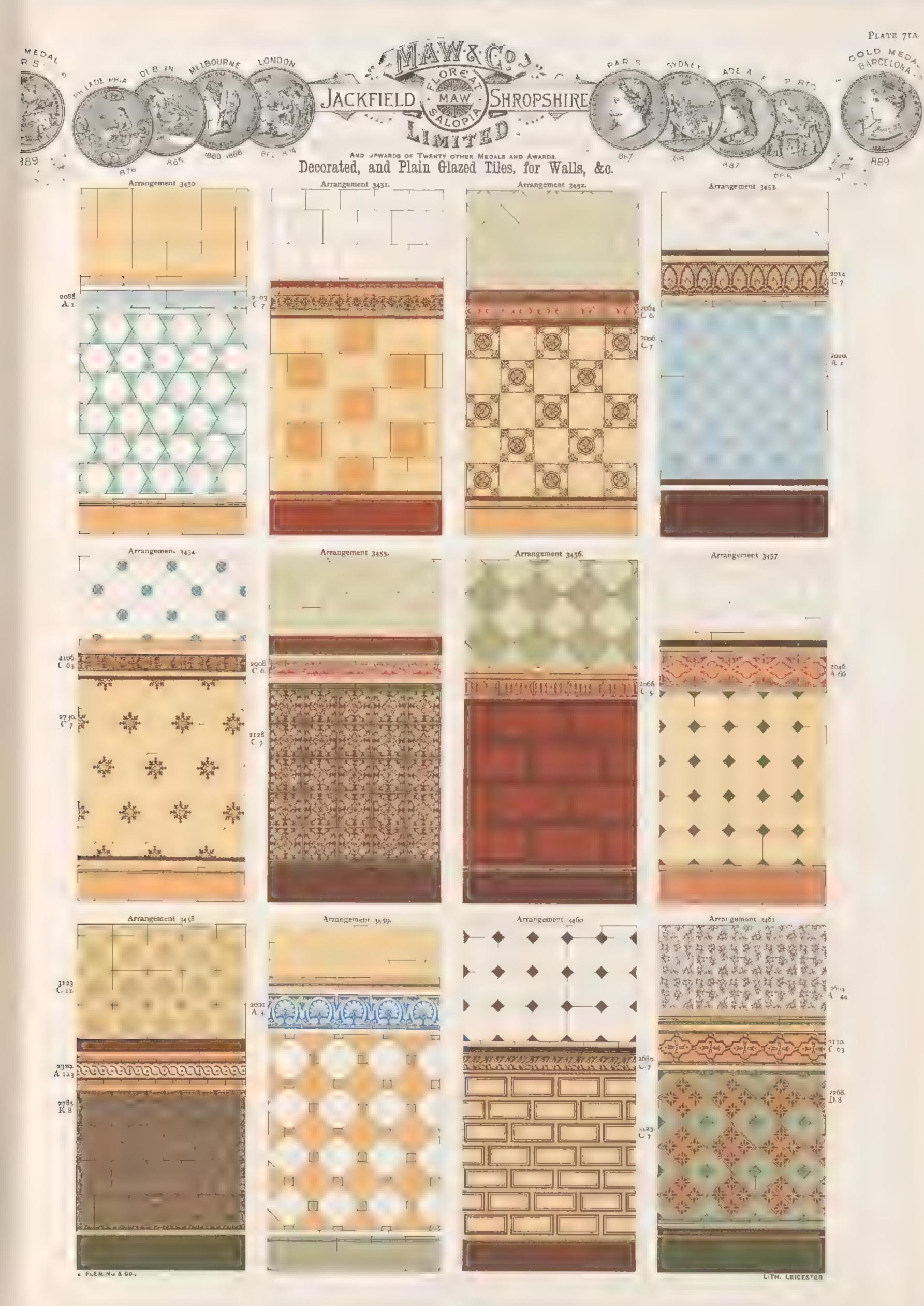


For details of beer see Plate 70.















Intaglio Tiles,

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MAN TOWN

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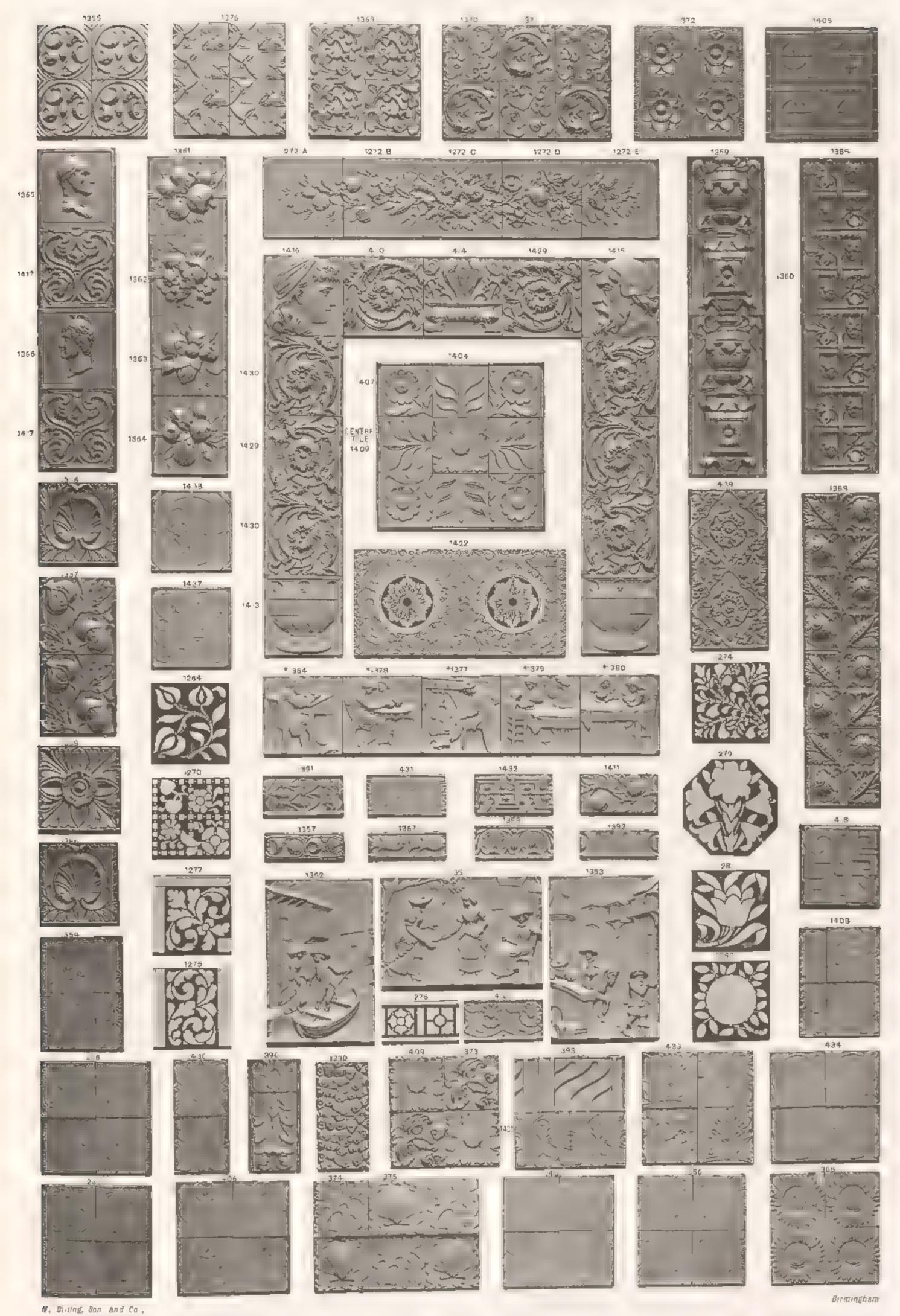
Can also be supplied in various Shades of Enamels as Green Olive Old Gold Amber, Brown Cleret Peacock Celeste and other Block Chan P. Tan Ivory Pink, Jade, Umber, Gray, &c

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MAW AND CO.'S ENAMELLED HIGH RELIEF AND OTHER EMBOSSED TILES, FOR WALL LININGS, FIRE-PLACES, &c.

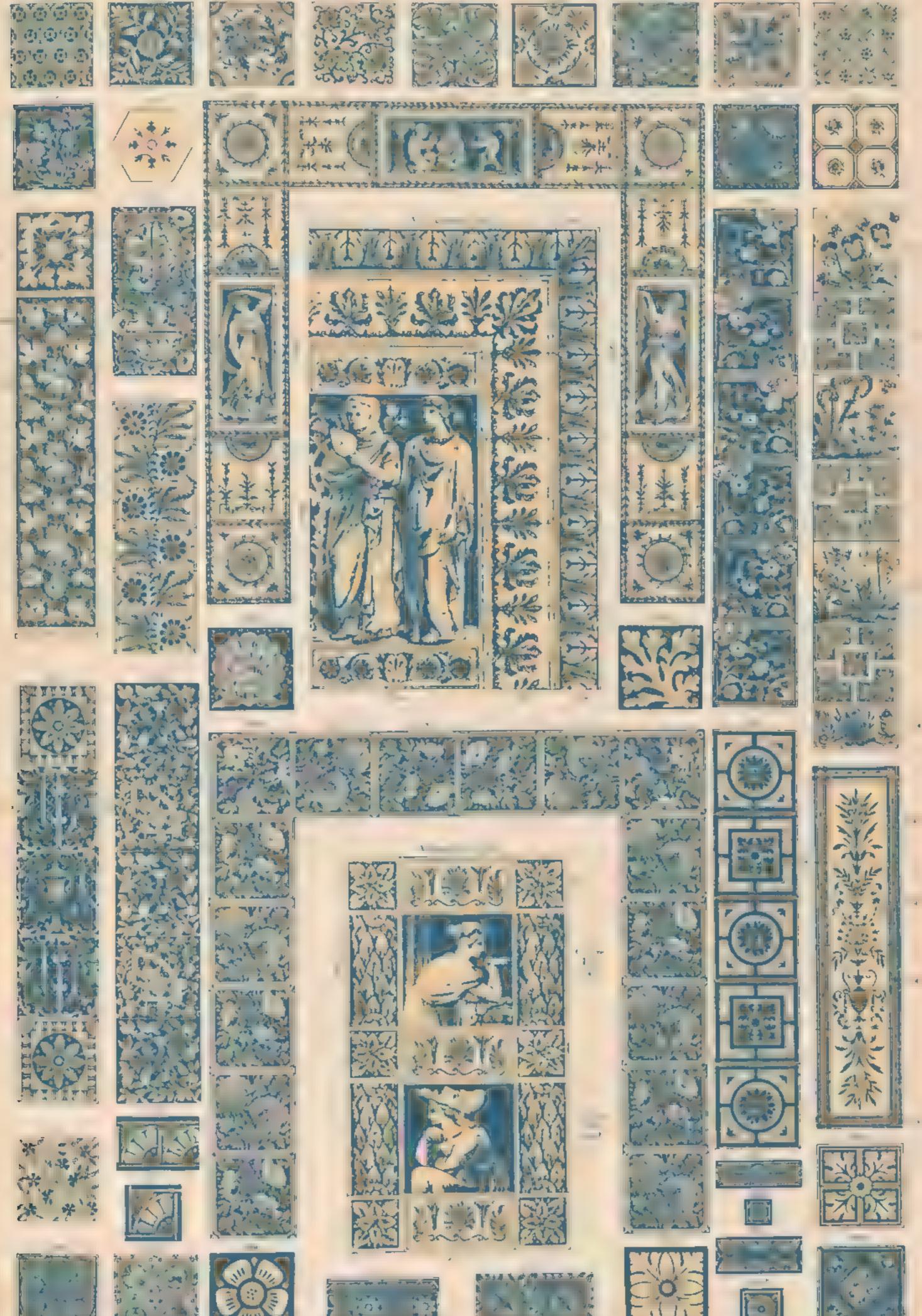
BENTHALL WORKS, JACKFIELD, NEAR IRONBRIDGE, SHROPSHIRE.



CAN RE S. PLIED IN VARIOUS SHADES OF GREENS, OLIVE OLD GOLD, AMBER, BROWNS, CLARET, PEACOCK BLUE, CELEST, CINNAMON, TAN, IVORY, GRAY PINK, PURPLE, &c



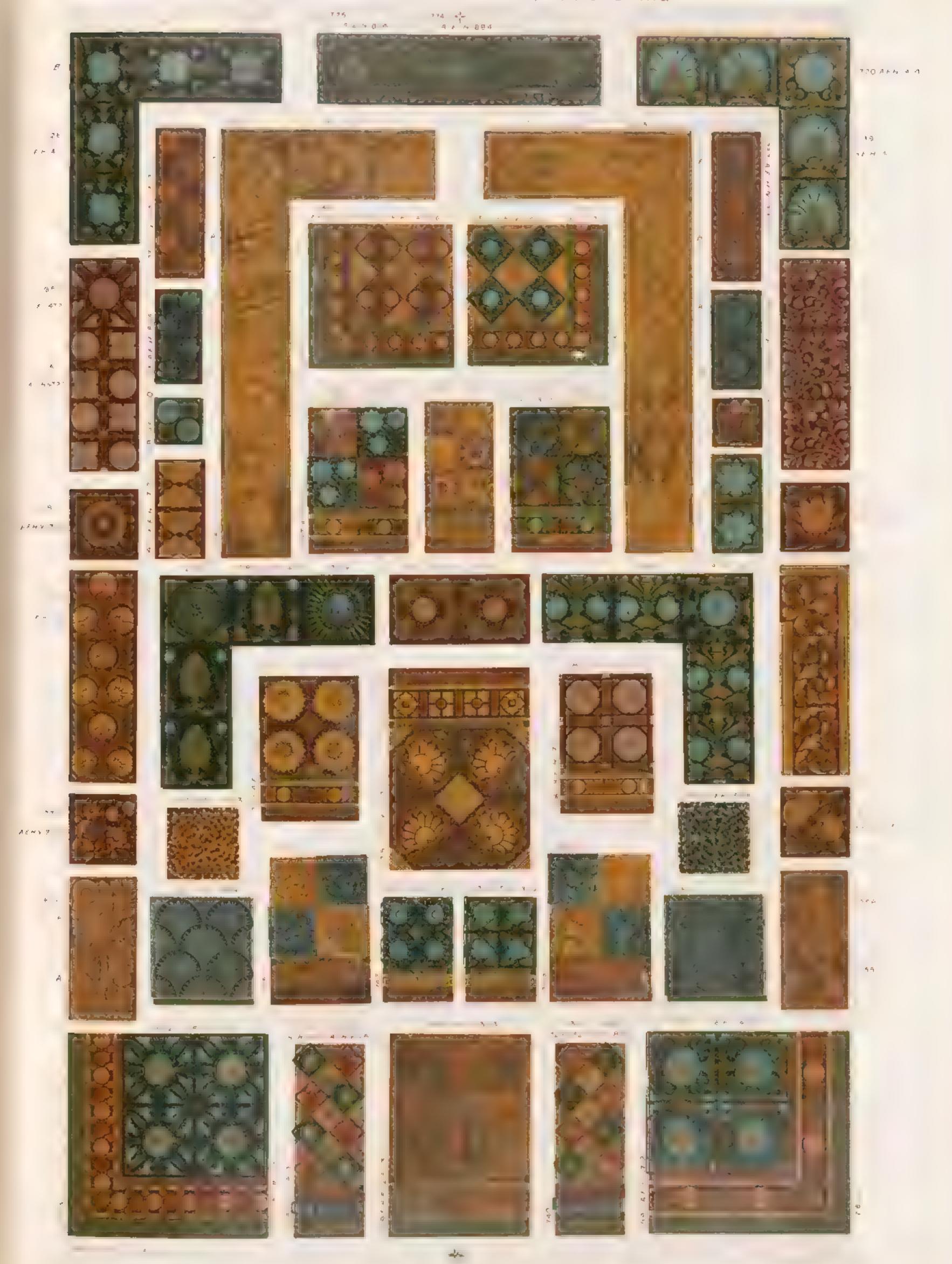




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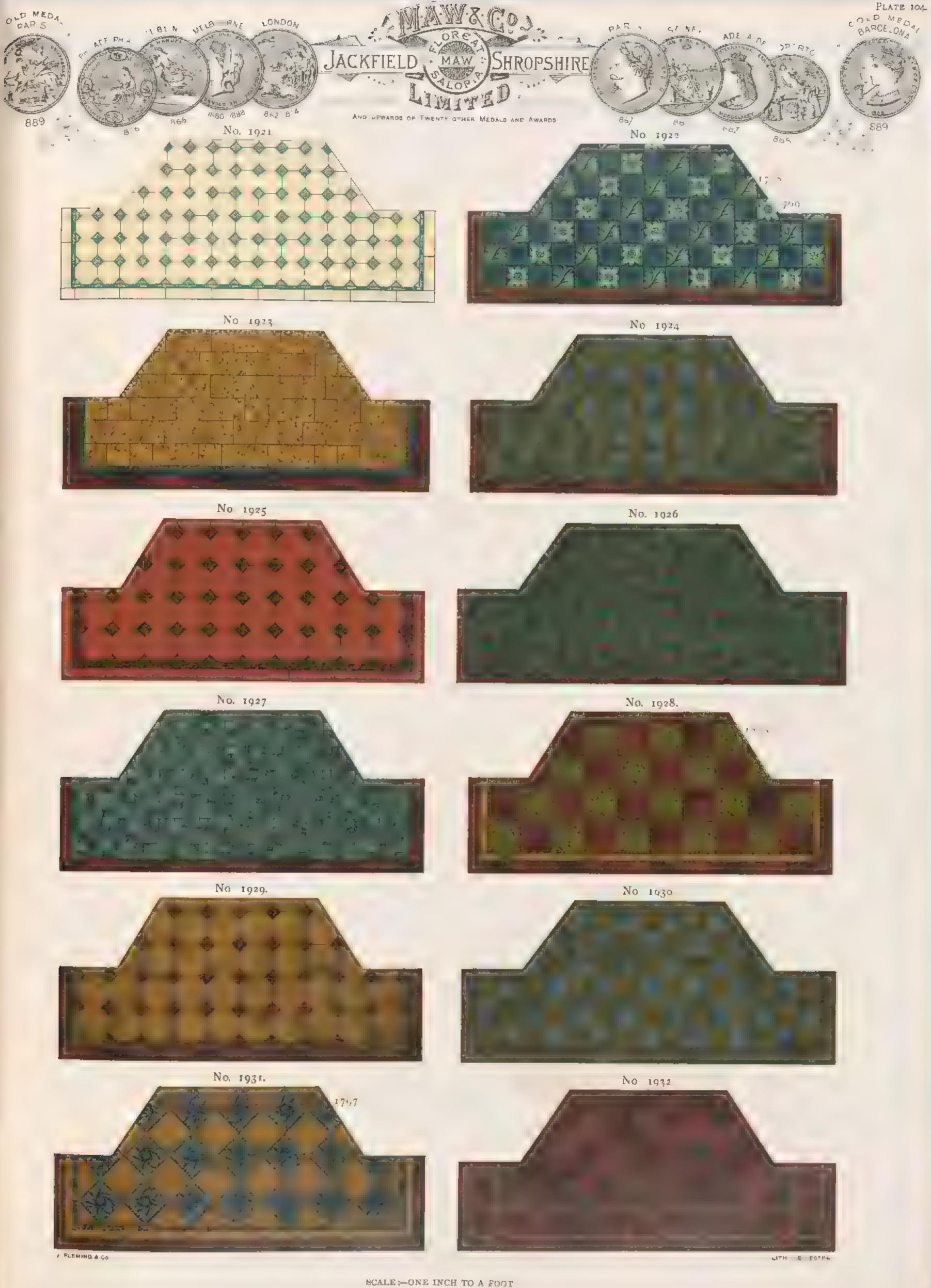


FOR WALL LININGS. FIRE PLACES, &'
BENTHALL WORKS, JACKFIELD, SHROPSHIRE



SCALE .2 INCH I FOOT













Hand Painted & Decorated Glazed Tiles, for Walls, Hearths, Fire Places. Cabinet Work, Flower Boxes, &c.







